MECHANICAL SIZING AND FAN POWER						MECH-4		
DJECT NAME					D	ATE		
SYSTEM NAME					FI	FLOOR AREA		
TE: Provide one copy of this form for e	each mechanical syste	em when usi	ng the Prescriptive	Approach.				
ZING and EQUIPMENT S	SELECTION							
DESIGN CONDITIONS:						COOLING	HEATIN	
- OUTDOOR, DRY BULB TEM	PERATURE	(AP	PENDIX C)					
- OUTDOOR, WET BULB TEM	IPERATURE	(AP	PENDIX C)					
- INDOOR, DRY BULB TEMPE	RATURE	(See	Chap. 8, ASH	RAE handbook	, 1993)			
SIZING						_		
- DESIGN OUTDOOR AIR		CFM (MECH 3; COLUMN I)						
- ENVELOPE LOAD			Btu/Hr (ENV-2	umn E)				
- LIGHTING			W / SF (Adjuste	s-LTG-2)				
- PEOPLE		# OF PEOPLE	(MECH 3; COL		7			
- MISCELLANEOUS EQUIPMENT			WATTS / SF					
- OTHER								
1)								
2)								
3)								
				т	OTALS			
				•	OTALO			
OTHER LOADS/SAFETY FAC	•	-	- -					
MAXIMUM ADJUSTED LOAD	(TOTALS FROM /	ABOVE x C	THER LOAD S	AFETY FACTO	OR)			
SELECTION:								
INSTALLED EQUIPMENT CAPACITY								
						KBtu / Hr	KBtu /	
IF INSTALLED CAPACITY EX		IM						
ADJUSTED LOAD, EXPLAIN								
AN POWER CONSUMPT	ION							
A	В	С	D	E	[F	G	
	DESIGN		FICIENCY	NUMBER		WATTS	CFM	
FAN DESCRIPTION	BRAKE HP	МОТО	R DRIVE	OF FANS	BxEx7	'46 / (C x D)	(Supply Fa	
		-						
		-						
	ing 25 UD (200 \$ 144	<u>, , , , , , , , , , , , , , , , , , , </u>		TOTALS				
OTE: Include only fan systems exceed	ing 25 nr (See 9 144	',						
OTE: Include only fan systems exceed otal Fan System Power Demand may not atts/CFM for constant volume systems	ot exceed 0.8				тот	AL FAN SYST	EM	